

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1-17. (canceled)

18. (currently amended) A self-tapping stud for rubber supports of shoes, tyres and the like, comprising a body presenting a threaded portion fixable into said rubber support and a head which projects from said support when said stud has been mounted, characterised in that said threaded portion presents a thread provided with a free helical edge which extends along a ~~substantially-cylindrical~~ surface; in that said threaded portion presents a core which is substantially conical or frusto-conical-~~core~~ having sloped sides for a length of said threaded portion; and in that said threaded portion presents a thread provided at its free start with a cutting edge, said cutting edge being orientated with the same inclination as said thread.

19. (previously presented) A self-tapping stud as claimed in claim 18, characterised in that a thread profile facing the convergent end of the core is substantially perpendicular to an axis of said core.

20. (previously presented) A self-tapping stud as claimed in claim 18, characterised in that a thread profile facing the body of said core is substantially inclined to an axis of said core.

21. (previously presented) A self-tapping stud as claimed in claim 18, characterised in that a thread profile facing the body of said core is inclined at an obtuse angle to an axis of said core.

22. (previously presented) A self-tapping stud as claimed in claim 18, characterised in that said obtuse angle is between 95 and 110 degrees.

23. (previously presented) A self-tapping stud as claimed in claim 18, characterised in that said free helical edge presents a substantially flat longitudinal profile.

24. (previously presented) A self-tapping stud as claimed in claim 18, characterised in that said substantially flat longitudinal profile presents dimensions between 0.4 and 1.6 millimetres.

25. (previously presented) A self-tapping stud as claimed in claim 18, characterised in that said body (2) is faceted (2a), said part (5) presenting a rounded or round profile.

26-32. (canceled)

33. (previously presented) A self-tapping stud as claimed in claim 19, characterised in that a thread profile facing the body of said core is substantially inclined to an axis of said core.

34. (previously presented) A self-tapping stud as claimed in claim 19, characterised in that a profile facing the body of said core is inclined at an obtuse angle to an axis of said core.

35. (previously presented) A self-tapping stud as claimed in claim 20, characterised in that said profile facing the body of said core is inclined at an obtuse angle to an axis of said core.

36. (previously presented) A self-tapping stud as claimed in claim 19, characterised in that said obtuse angle is between 95 and 110 degrees.

37. (previously presented) A self-tapping stud as claimed in claim 20, characterised in that said obtuse angle is between 95 and 110 degrees.

38. (previously presented) A self-tapping stud as claimed in claim 21, characterised in that said obtuse angle is between 95 and 110 degrees.